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The beam transfer lines for electronics and radiobiology applications of the NICA project.

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There are several new studies in applied fields are going to be provided in the framework of the NICA project in the nearest future. These studies are linked to radiobiology and electronics applications. For these aims, three new experimental stations are going to be built. Special cosmic-likened properties of the beams are required. They can be provided by HILAC, Booster and Nuclotron technical facilities and new beam lines integrated into existed NICA channels, which are under development now. The presented results involve floor plan design, beam dynamics modelling, preliminary layout of diagnostic systems and calculations of key parameters of magnetic elements including some suggested technical solutions, which satisfy experimental requirements.

Primary author: Mr FILATOV, Georgy (JINR)

Co-authors: Mr SLIVIN, Alexey (JINR); Mr TUZIKOV, Alexey (VBLHEP JINR); Mr BUTENKO, Andrey (JINR); SYRESIN, evgeny (JINR)

Presenter: Mr FILATOV, Georgy (JINR)

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